Group: James Beasley, Charles Beck, Charles Duso, Alexander Grzesiak, Erik Strauss

Project Title: Boston University - Microfluid Experimentation Data Generator

Deliverable: D.3.2 - Release 2

Course: CS386 – Spring 2017

Instructor: Professor Gerosa

Github: https://github.com/TheAwesomeEgg/CS386ProjectGroup1.git

Introduction

The following document serves to detail the user stories that we have implemented for this release. We will also discuss changes planned for the next and final release.

Current Implementation

We are satisfied with our current progress as we are near completion of the primary functionality for the project. To see a live version of the product, one can visit the following link, https://cefns.nau.edu/~cd622/. We will also list below examples of the current implementation should the live version not be accessible.

User Stories

Listed below are the user stories that we have implemented in this release of the product. With this release, we have completed seven user stories, leaving us with five left to implement for the final release. Our current progress in regards to user stories can be seen at the following link, https://trello.com/b/bJnjJHMg/user-stories/.

- Select multiple hardware options
- Change file formats
- Type custom instructions
- Choose pre-defined instructions
- Error check uploaded files
- Webpage responds to user's selections
- View all instructions concurrently

Figure 1: Landing Page
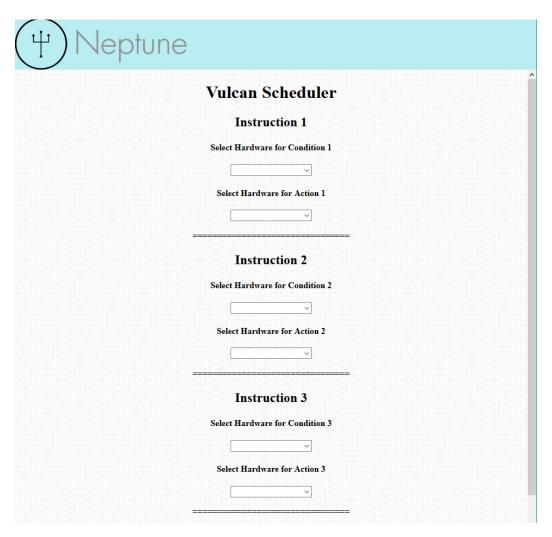

Figure 2: Single Generation of Instruction

Figure 3: Multiple Instructions

Language Distribution

Language	Percentage
HTML/CSS	55%
JavaScript	40%
PHP	5%

Figure 4: Language Distribution Table

Future Implementations

As stated previously, we have five more features that need to be implemented before completion of the project. Our primary focus, however, will be styling the page to be more hospitable to researchers. In its current rendition, the website is quite plain and reminiscent of a website created in the 1990's.

Group Participation

Listed below is a table containing the group participation weights for each team member.

Team Member	Participation
James Beasley	20%
Charles Beck	20%
Charles Duso	20%
Alexander Grzesiak	20%
Erik Strauss	20%

Table 1: Group Participation Weights